AMENDMENTS TO THE CLAIMS:

1. (canceled)

2. (previously presented): A method of forming a member, including a method of providing an undercut in an inner peripheral portion of the member, comprising the steps of:

forming a recess having a diameter larger than that of the inner peripheral portion of the member in a material;

forming an undercut at an inner periphery of the recess;

inserting a mandrel having a diameter equal to a diameter of an inner peripheral portion of an aimed member into the recess of the material having been formed with the undercut;

and swaging, from an outside, the material into which the mandrel has been inserted so that an inside diameter of the recess of the material is decreased to an outside diameter of the mandrel with the undercut left.

3. (previously presented): The method of forming a member according to claim 2, wherein the member is a fuel injection nozzle.

4. (currently amended): A method of forming a member having an undercut, comprising the steps of:

forming a recess having a diameter larger than [[the]] a diameter of an inner peripheral portion of the member in a material;

forming the undercut at an inner periphery of the recess;

inserting a mandrel having a diameter equal to a diameter of an inner peripheral portion of an aimed member and having a conical tip end portion into the recess of the material having been formed with the undercut;

and swaging, from an outside, the material into which the mandrel has been inserted, by which an inside diameter of the recess of the material is decreased to an outside diameter of the mandrel with the undercut left, and at the same time, a tip end portion of the inner peripheral portion of the aimed member is formed into a female taper shape following the tip end portion of the mandrel.

5. (previously presented): The method of forming a member having an undercut according to claim 4, wherein a positioning hole into which the mandrel tip end portion is inserted is formed in a center of the large-diameter recess, and a depth of the positioning hole is equal to or shallower than a length of the mandrel tip end portion and an opening angle thereof is equal to or larger than an angle of the mandrel tip end portion.

6. (previously presented): The method of forming a member having an undercut according to claim 5, wherein the positioning hole is formed by forging at the same time that the recess is formed.

7. (previously presented): The method of forming a member having an undercut according to claim 4, wherein the member is a fuel injection nozzle.

8. (currently amended): A method of forming a member having an undercut, comprising the steps of:

forming a recess having a diameter larger than [[the]] a diameter of an inner peripheral portion of the member in a material;

forming the undercut at an inner periphery of the recess;

inserting a mandrel having a diameter equal to a diameter of an inner peripheral portion of an aimed member into the recess of the material having been formed with the undercut;

and swaging, from an outside, the material into which the mandrel has been inserted so that an inside diameter of the recess of the material is decreased to an outside diameter of the mandrel with the undercut left, wherein a chamfered portion is formed in a bottom portion of the recess of the material before the swaging operation, and a formation region of the chamfered portion is within an outside region that provides a clearance with a tip end of the mandrel abutted on the bottom portion of the recess.

9. (previously presented): The method of forming a member having an undercut according to claim 8, wherein the formation region of the chamfered portion is 35 to 100% of a clearance between the mandrel and the inner periphery of the recess.

10. (previously presented): The method of forming a member having an undercut according to claim 8, wherein the member is a fuel injection nozzle.

11. (currently amended): A method of forming a member having an undercut, comprising the steps of:

forming a recess having a diameter larger than [[the]] a diameter of an inner peripheral portion of the member in a material;

forming the undercut at an inner periphery of the recess;

inserting a mandrel having a diameter equal to a diameter of an inner peripheral portion of an aimed member into the recess of the material having been formed with the undercut;

and swaging, from an outside, the material into which the mandrel has been inserted so that an inside diameter of the recess of the material is decreased to an outside diameter of the mandrel with the undercut left, wherein an excess thickness portion is provided in a predetermined length range from a bottom of the recess at the inner or an outer periphery of the recess of the material before the swaging operation.

12. (previously presented): The method of forming a member having an undercut according to claim 11, wherein the excess thickness portion is formed by forging at the same time that the recess is formed.

13. (previously presented): The method of forming a member having an undercut according to claim 11, wherein the member is a fuel injection nozzle.

14.-19. (canceled)